EXISTING SIGNAL HEADS

1,2,3,4 — R Y G — 12"

6 — OPTICAL PRE-EMPTION DETECTOR EYE

PROPOSED SIGNAL HEADS

5 — R Y G — 12"

EXISTING SIGNS

7 — ONLY — R3-5 36" X 30"

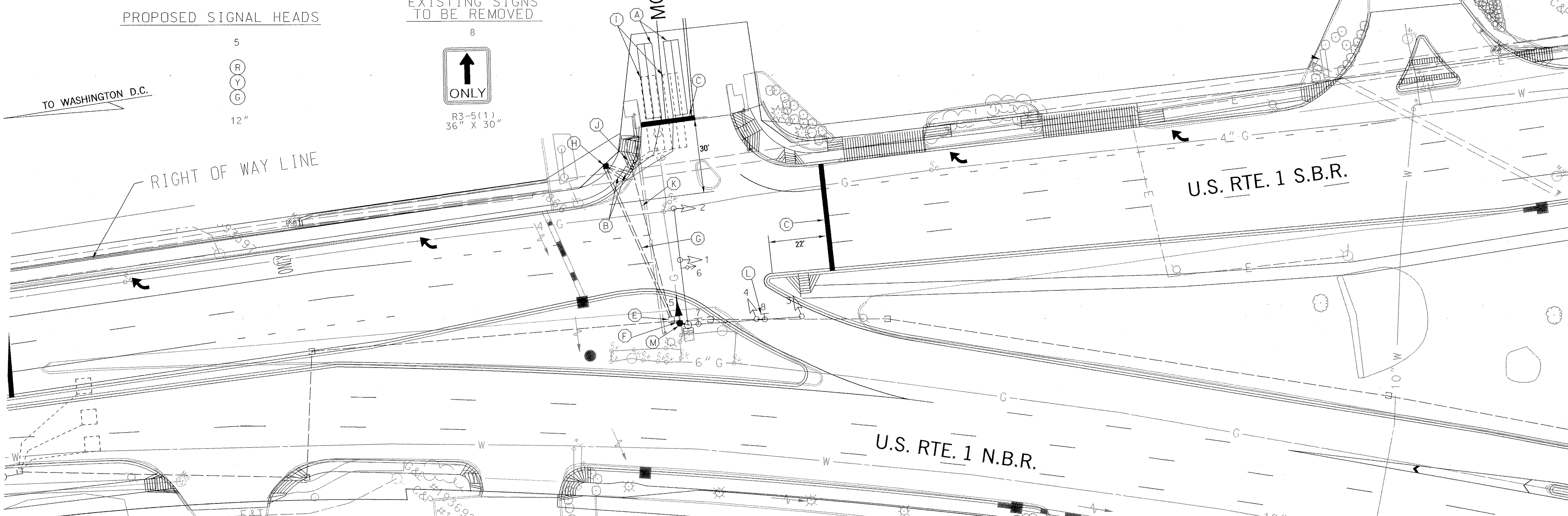
EXISTING SIGNS TO BE REMOVED

8 — ONLY — R3-5(1) 36" X 30"

NEMA PHASING

Ø2 Ø4 FLASHING OPERATION PRE-EMPTION

NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



RIGHT OF WAY LINE

NOTES:
1) PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. ALL OTHER PAVEMENT MARKINGS NOT DETAILED ARE FOUND ON SIGNING AND PAVEMENT MARKING PLANS.
2) ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONSTRACTOR SHALL BE RESPONSILBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE FIELD LOCATED. IF THE CONTRACTOR PERCIEVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
3) GEOMETRICS SHALL BE CONFIRMED PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
4) LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
5) CONTRACTOR SHALL REMOVE UNUSED CABLE FROM EXISTING CONDUIT.
6) ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

GEOMETRICS LEGEND	
PROPOSED GEOMETRICS	————
EXISTING GEOMETRICS	— — — —

LEGEND OF UTILITIES	
WATER	W
GAS	G
UNDERGROUND TELEPHONE	T
SANITARY SEWER	S
UNDERGROUND ELECTRIC	E
AERIAL	A
STORM DRAIN	SD
SEWAGE FORCE MAIN	FM
CABLE TV	TV

CONSTRUCTION DETAILS
A. INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE (2-4-2) LOOP DETECTOR ENCASED IN 1/4 INCH FLEXIBLE TUBING.
B. INSTALL 1 INCH LIQUID TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
C. INSTALL 24 INCH WHITE PREFORMED PAVEMENT MARKING TAPE (STOP BAR).
D. INSTALL 12 INCH WHITE PREFORMED PAVEMENT MARKING TAPE (CROSSWALK).
E. USE EXISTING HANDHOLE.
F. USE EXISTING CONDUIT.
G. INSTALL 3 INCH SCHEDULE 80 ELECTRICAL CONDUIT (SLOTTED).
H. INSTALL HANDHOLE.
I. ABANDON EXISTING DETECTOR.
J. REMOVE EXISTING HANDHOLE.
K. ABANDON EXISTING CONDUIT.
L. REMOVE EXISTING SIGN FROM MAST ARM.
M. INSTALL 3 SECTION SIGNAL HEAD (R,Y,G) ON POLE.

KCI TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800

REVISIONS
Ⓐ NEW GEOMETRICS AND PAVEMENT MARKINGS PG 2745184 — AH 11/99

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

TSP-7 OF TSP-17

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
US 1 OAK STREET TO TALBOTT AVENUE (MD 198)
US 1 @ MONTROSE AVE

DRAWN BY:	WES GUCKERT KD	F.A.P. NO.	SEE TITLE SH.	TS NO. 1630A	SHEET NO.
CHECKED BY:	WES GUCKERT KD	S.H.A. NO.	P-586-501-385	T.I.M.S. NO.	119 OF 162
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGE'S		
DATE:	8-26-78	LOG MILE:	16000113.31		